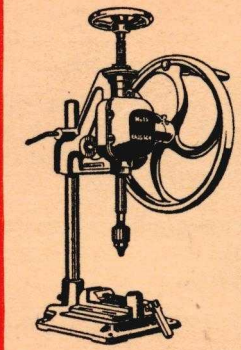
BRADSON



*

ALL BRITISH
MODERN
HIGH GRADE
DRILLING
MACHINERY

*

STRENGTH AND
DURABILITY

*

COMPETITIVE PRICES

General. — The illustrations show our present range of Bradson Drilling Machines with C.I. Gear Covers, suitable for drilling holes to $1\frac{1}{4}$" diameter. The frames, baseplates and flywheels are of strong design and generally heavier than other machines of this type.

Large diameter Ball Thrust Bearings are fitted to the spindles which should be kept well lubricated.

Drill Chucks supplied with machines with $\frac{1}{2}$" spindles are of the Goodell type. Care should be taken when inserting the larger size drills owing to the position of the chuck jaws and springs.

The chucks supplied with Morse Taper Spindles are of the Miller Falls Type with No. 2 M.T. Shanks unless Precision Type Chucks are ordered.

These Machines are of entirely British materials and labour throughout, of sound workmanship and finish.

Guaranteed to give every satisfaction.

BUY BRADSON — BRITISH AND THE BEST!

Now manufactured by :—

Lodge Engineering Co. (Osw.) Ltd.

WATER STREET WORKS, CHURCH, ACCRINGTON, ENGLAND.

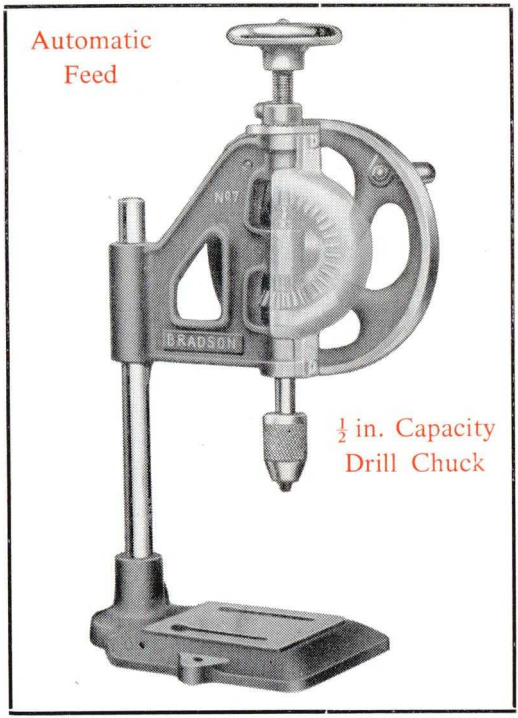
Telephone : Accrington 35089

Telegrams : "LODGENG" Accrington

CAPACITY TO ½ in.

BRADSON

No. 7 NEW MODEL



No. 7 complete with S.C. Drill Chuck **Price £5/5/0**

Drilling Capacity to ½″	Chuck to Pillar ... 5½″
Vertical Feed ... 2″	Diam. of Flywheel 9″
Chuck to Table ... 7″	Nett Weight ... 28 lbs.

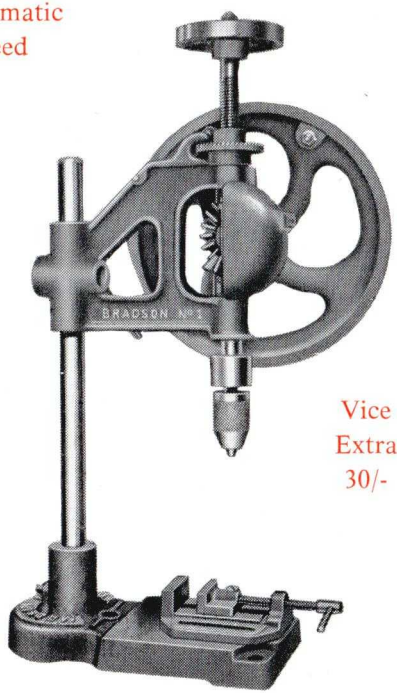
No. 1 Drill Vice — 30/- extra.

CAPACITY TO $\frac{5}{8}$ in.

BRADSON

LIGHT TYPE No. 1A

Automatic Feed



Vice Extra 30/-

Spindle to suit $\frac{1}{2}$ in. Parallel Shank Drills and $\frac{1}{2}$ in. Capacity S.C. Drill Chuck

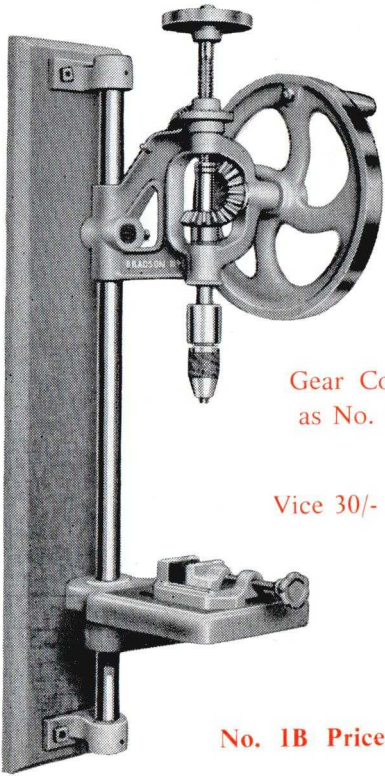
No. 1A Price £7/0/0

Drilling Capacity to $\frac{5}{8}$″	Chuck to Pillar ... 6″
Vertical Feed ... 2″	Dia. of Flywheel 12″
Chuck to Table ... 8″	Nett Weight ... 48 lbs.

CAPACITY TO $\frac{5}{8}$ in.

BRADSON

POST TYPE No. 1B



Gear Cover as No. 1A

Vice 30/- extra

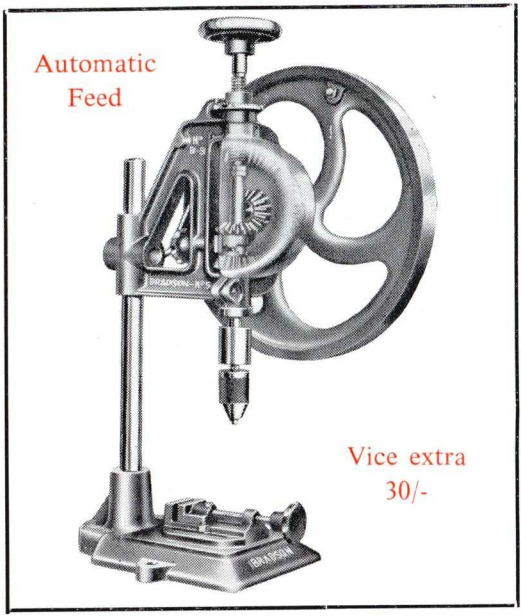
No. 1B Price £8/0/0

Spindle to suit $\frac{1}{2}$ in. Parallel Shank
Drills and $\frac{1}{2}$ in. Capacity S.C. Drill Chuck
Specification as No. 1A
Chuck to Table 10″. Nett Weight 60 lbs.

TWO SPEEDS

BRADSON

No. 5 and 5A



Spindle to suit $\frac{1}{2}$ in. Parallel Shank
Drills with $\frac{1}{2}$ in. Capacity S.C. Drill Chuck

No. 5 — Price £9/0/0, with Vice £10/10/0

No. 5A with No. 2 M.T. Spindle and $\frac{1}{2}$ in. Capacity S.C. Drill Chuck **£10/0/0**

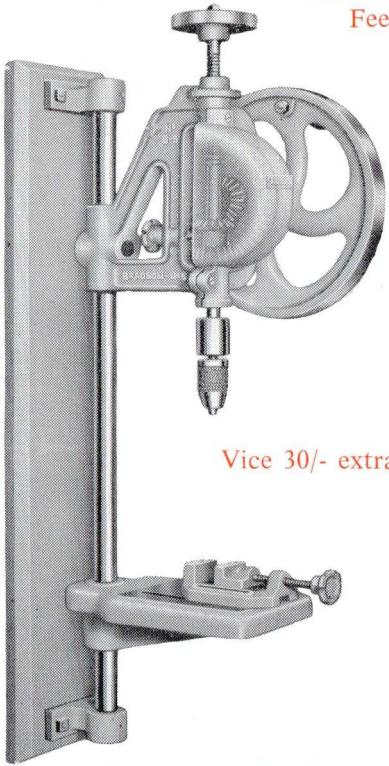
Drilling Capacity to $\frac{5}{8}$"	Chuck to Pillar ... 6"
Vertical Feed ... 2"	Dia. of Flywheel 12"
Chuck to Table ... 8"	Nett Weight ... 58 lbs.

TWO SPEEDS

BRADSON

POST TYPE
No. 5B

Automatic Feed



Vice 30/- extra

Spindle to suit $\frac{1}{2}$ in. Parallel Shank Drills with $\frac{1}{2}$ in. Capacity S.C. Drill Chuck

No. 5B Price £10/0/0

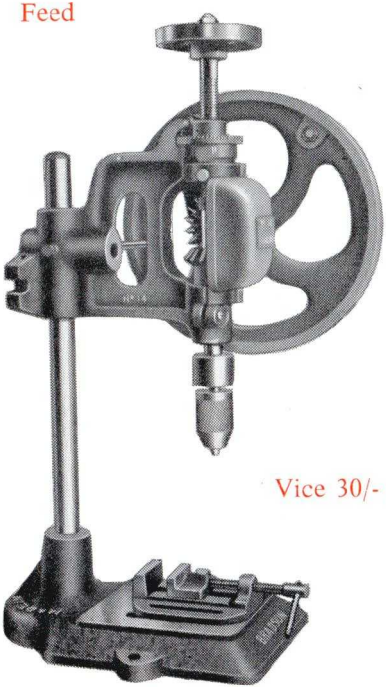
Specification as No. 5
Chuck to Table 10″ Nett Weight 75 lbs.

CAPACITY TO $\frac{5}{8}$ in.

BRADSON

HEAVY TYPE No. 14

Automatic Feed



Vice 30/- extra

Spindles to suit $\frac{1}{2}$ in Parallel Shank Drills complete with $\frac{1}{2}$ in. Capacity S.C. Drill Chuck

No. 14 Price £8/0/0

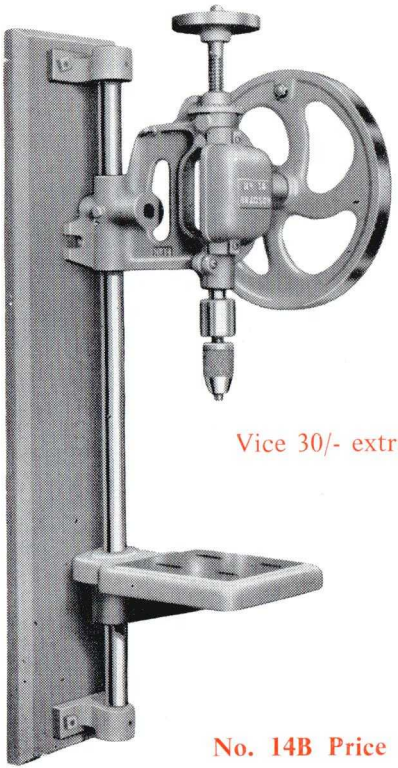
Drilling Capacity to $\frac{5}{8}$"	Chuck to Pillar ... 6"
Vertical Feed ... 2 in.	Dia. of Flywheel 12"
Chuck to Table ... 10"	Nett Weight ... 52 lbs.

CAPACITY TO $\frac{5}{8}$ in.

BRADSON

POST TYPE No. 14 B

Automatic Feed



Vice 30/- extra

No. 14B Price £9/0/0

Spindle to suit $\frac{1}{2}$ in. Parallel Shank Drills
Complete with $\frac{1}{2}$ in. Capacity S.C. Drill Chuck
Specification as No. 14
Chuck to Table 10″. Nett Weight 65 lbs.

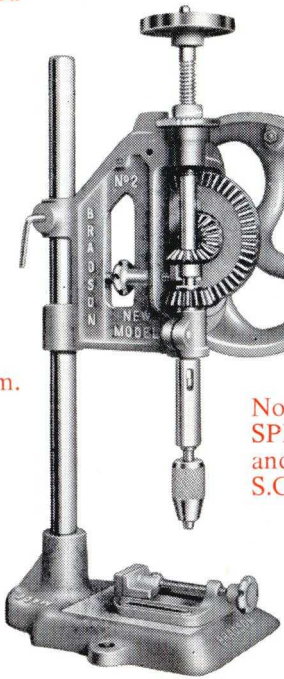
CAPACITY TO $\frac{5}{8}$ in.

BRADSON

NEW MODEL No. 2A

Automatic Feed

Gears Enclosed in C.1. Guard



Pillar $1\frac{1}{4}$″ Diam.

No. 2 M.T. SPINDLE and $\frac{1}{2}$″ Capacity S.C. Drill Chuck.

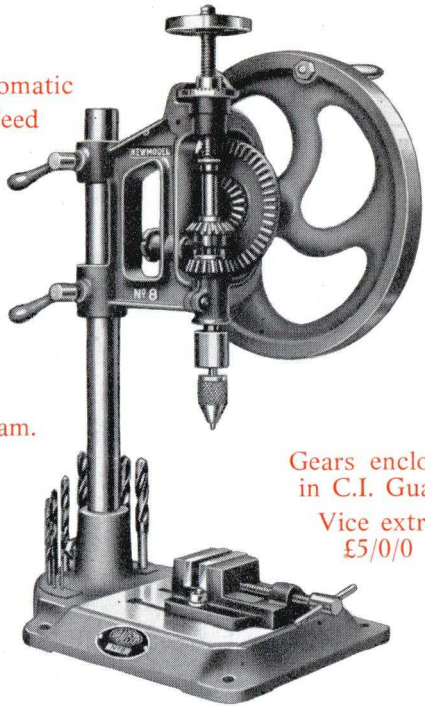
No. 2A — Spindle to suit M.T. Shank Drills. Complete with $\frac{1}{2}$ in. Capacity S.C. Drill Chuck.

Price £11/0/0, with Vice £12/10/0

Drilling Capacity to $\frac{5}{8}$″	Chuck to Pillar ... 12″
Vertical Feed ... 2 in.	Dia. of Flywheel 12″
Chuck to Table ... 10″	Nett Weight ... 70 lbs.

CAPACITY TO $\frac{3}{4}$ in.

TWO SPEED No. 8 & No. 8A



Automatic Feed

Pillar $1\frac{5}{8}$″ Diam.

Gears enclosed in C.I. Guard

Vice extra £5/0/0

No. 8—Spindle to suit $\frac{1}{2}$ in. Parallel Shank Drills Complete with $\frac{1}{2}$ in. Capacity S.C. Drill Chuck.

Price £15/0/0, with Vice £20/0/0

No. 8A—Spindle to suit No. 2 M.T. Shank Drills Complete with $\frac{1}{2}$ in. Capacity S.C. Drill Chuck.

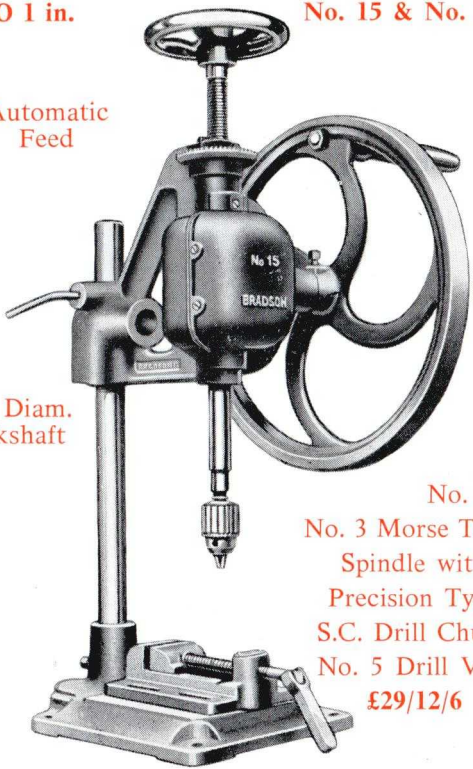
Price £17/0/0, with Vice £22/0/0

Drilling Capacity to $\frac{3}{4}$″	Chuck to Pillar ... 6″
Vertical Feed ... $2\frac{1}{2}$″	Dia of Flywheel ... 15″
Chuck to Table ... $13\frac{5}{8}$″	Nett Weight 105 lbs.

CAPACITY TO 1 in.

MACHINES No. 15 & No. 15A

Automatic Feed



$1\frac{5}{8}$″ Diam. Backshaft

No. 15A
No. 3 Morse Taper Spindle with Precision Type S.C. Drill Chuck
No. 5 Drill Vice
£29/12/6

No. 15 Spindle to suit $\frac{1}{2}$ in. Parallel Shank Drills Complete with S.C. Drill Chuck **£20/0/0**

No. 15A with No. 3 M.T. Spindle **£22/0/0**
$\frac{1}{2}$ in. Precision Type S.C. Drill Chuck extra **£2/12/6**

No. 5 Drilling Machine Vice extra **£5/0/0**

Drilling Capacity to 1″	Chuck to Pillar ... $8\frac{1}{2}$″
Vertical Feed ... 4″	Dia. of Flywheel 20″
Chuck to Table ... 12″	Nett Weight 156 lbs.

CAPACITY
TO 1 in.

MACHINES
No. 15B & No. 15C

No. 15B Spindle
to suit ½″ Parallel
Shank Drills
with ½″ Capacity
Goodell Type
S.C. Chuck
Price £21/0/0

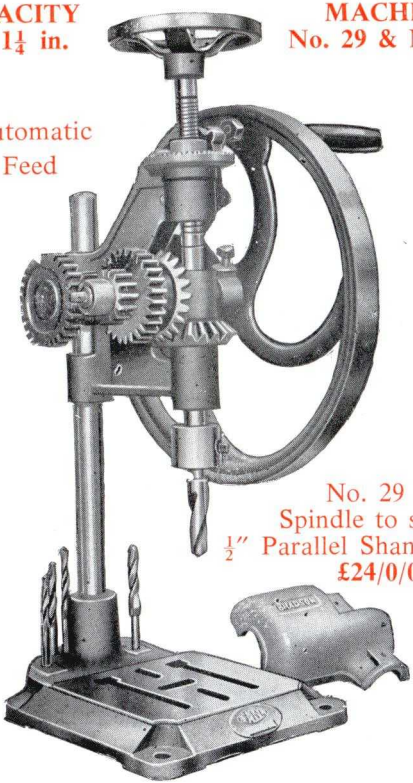
No. 15C with No. 3 M Taper
Spindle **£23/0/0**

Specifications as No. 15 machines
Chuck to Table 15 in. Nett Weight 170 lbs.

CAPACITY TO 1¼ in.

MACHINES No. 29 & No. 29A

Automatic Feed



No. 29
Spindle to suit
½″ Parallel Shank Drills
£24/0/0

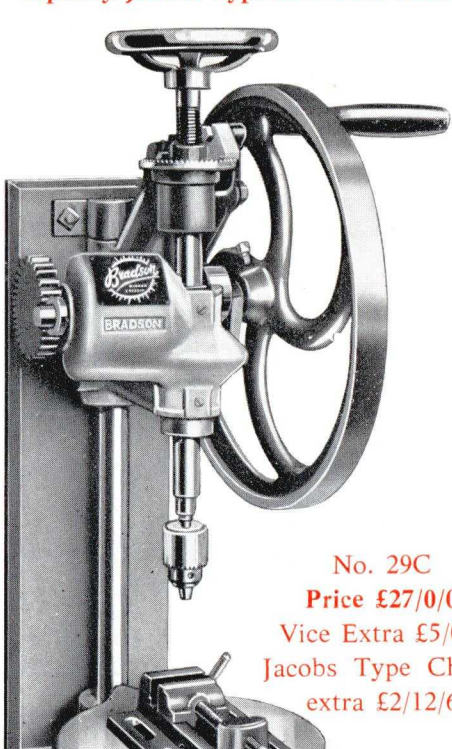
No. 29A Spindle to suit No. 3 Morse Taper Shank Drills **£26/0/0**

No. 5 Table Vice 2¾ in. Jaws, opening 3½ in. **£5/0/0**

½ in. Capacity Precision Type S.C. Drill Chuck **£2/12/6**

Drilling Cap'ty to 1¼″	Chuck to Pillar ... 8″
Vertical Feed ... 4″	Dia. of Flywheel 20″
Chuck to Table ... 12″	Nett Weight 155 lbs.

No. 29C No. 3 Morse Taper Spindle, with ½″ capacity Jacobs Type S.C. Drill Chuck

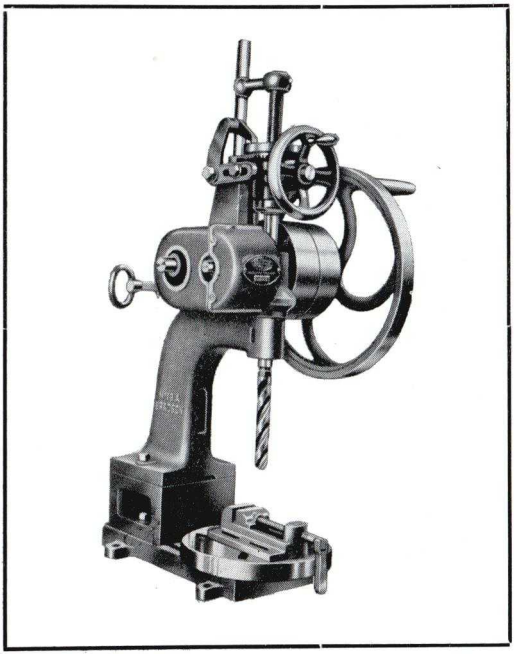


No. 29C
Price £27/0/0
Vice Extra £5/0/0
Jacobs Type Chuck
extra £2/12/6

No. 29B with Spindle to suit ½ in. Parallel Shank Drills and ½ in. Capacity S.C. Drill Chuck
£25/0/0

Chuck to Table 15 ins. Nett Weight 175 lbs.

BRADSON No. 19A TWO SPEED BENCH DRILLING MACHINE



As illustrated — No. 3 M.T. Spindle with $\frac{1}{2}$ in. Capacity Jaws, Type S.C. Drill Chuck and Vice, for hand and power drive, price **£55/0/0**

Drilling Cap'ty to	$1\frac{1}{4}''$	Drills, centre of	16″
Vertical Feed ...	5″	Dia. of Pulleys ...	10″ x $2\frac{1}{2}''$
Spindle to Table	15″	Speed ...	120 r.p.m.

Shipping Specifications :
Nett Weight 3c. 1qr. 14lbs. Gross Weight 4 cwts.
Size of case : 48 ins. x 27 ins. x 18 ins.

ACCESSORIES

Goodell Type S.C. Drill Chucks, $\frac{1}{2}$ in. Capacity Screwed $\frac{3}{4}$ in., 20 Thds. ... ... **Price 10/-**

Goodell Type S.C. Drill Chucks, $\frac{1}{2}$ in. Capacity with $\frac{1}{2}$ in. Capacity Parallel Flatted Shank **Price 15/- each**

Millers Falls Type S.C. Drill Chuck with No. 2 Morse Taper Shanks ... ... **Price 20/- each**

Reliance Precision Type Geared Chucks and Key with No. 6 Taper Hole ... ... **Price £2/5/0**

No. 2 or No. 3 Morse Taper Arbors to suit above **each 7/6**

No. 1 Bradson Drill Vices, $1\frac{3}{4}$ in. Jaws, opening 2 in., Wt. 4 lbs. ... ... **each £1/10/0**

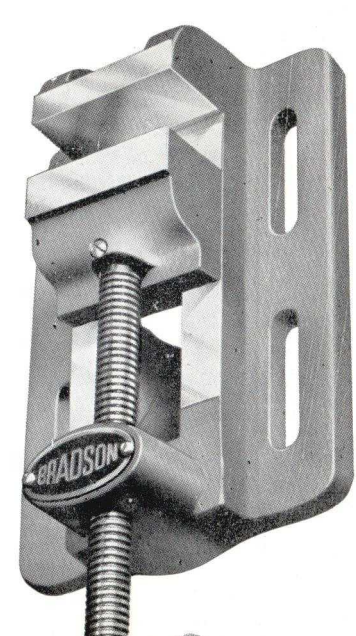
No. 5 Bradson Drill Vices, $2\frac{3}{4}$ in. Jaws, opening $3\frac{1}{2}$ in. Wt. 11 lbs. ... ... **each £5/0/0**

M.T. Drill Sleeves and Drill Ejecting Drifts at Current Prices.

$\frac{1}{2}$ in. Parallel Shank Carbon Steel Twist Drills Sizes $\frac{1}{2}$ in. — $1\frac{1}{4}$ in. diam. x 1/64 ins. supplied with machines on request

No. 5 BRADSON DRILLING MACHINE VICE

Price £5/0/0



Price £5/0/0

Specifications :

Width of Jaws ... $2\frac{3}{4}$″	Size of base 6″ x $8\frac{1}{2}$″
Opening ... ... $3\frac{1}{2}$″	Width of slots $\frac{1}{2}$″ x 2″
Weight ... ... 11 lbs.	Centre distance ... 4″

To suit Tables of No. 8, No. 15, No. 19 and No. 29 Bradson Drilling Machines